

TECHNICAL MANUAL

**ORGANIZATIONAL, DIRECT SUPPORT AND
GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
(INCLUDING DEPOT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS)**

**AIR CONDITIONER, FLOOR MOUNTED,
AIR COOLED**

**ELECTRIC MOTOR DRIVEN, 3/4 HP 60 CYCLE
SINGLE PHASE, 9,000 BTU/HR**

HARVEY W. HOTTEL, INC.

MODEL HAC-750H

NSN 4120-00-592-4645

CHANGE }
 No. 1 }

HEADQUARTERS
 DEPARTMENT OF THE ARMY
 WASHINGTON, D.C., 4 May 1979

Organizational, Direct Support and General Support
 Maintenance Repair Parts and Special Tools List
 (Including Depot Maintenance Repair
 Parts and Special Tools)

AIR CONDITIONER, FLOOR MOUNTED, AIR COOLED
 ELECTRIC MOTOR DRIVEN, 3/4/HP 60 CYCLE
 SINGLE PHASE, 9,000 BTU/HR
 (HARVEY W. HOTTEL, INC. MODEL HAC-750H)
 NSN 4120-00-592-4645

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1. Remove and insert pages as indicated below. New or changed text is indicated by a vertical bar in the margin. An illustration change is by a miniature pointing hand.

Remove pages

i/ii
 15 and 16
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i/ii
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2. Retain this sheet in front of manual for reference purposes.

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Current as of 23 October 1986

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Change Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual to: Commander, U. S. Army Troop Support Command, ATTN: AMSTR-MPS, Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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Section I. INTRODUCTION

cope.

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational, direct support, and general support maintenance of the Air Conditioner. It authorizes requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

General.

This Repair Parts and Special Tools List is divided into the following sections:

Section II. Repair Parts List. A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in NSN sequence.

Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized for the performance of maintenance.

Section IV. National Stock Number and Number Index. A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list in alphabetic sequence of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to the illustration figure and item number appearing. This index is followed by a cross-reference list of reference designators to figure and item number.

Explanation of Columns.

Illustration. This column is divided as follows:

Item called out in the illustration.

b. Source, Maintenance, and Recovery (SMR) Codes.

(1) Source Code. Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	Definition
PA	Item procured and stocked for anticipated or known usage.
PB	Item procured and stocked for maintenance purpose because essential; indicates that a minimum quantity is available in the supply system.
PC	Item procured and stocked and otherwise would be coded PA, but that it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue or fitting and stocked only for subsequent or additional initial issues or fittings. Not subject to automatic replenishment.
PE	Support equipment procured and stocked for initial issue or outfitting specific maintenance repair activities.
PF	Support equipment which will be stocked but which will be procured on demand.
PG	Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of probable discontinuation or shutdown of production facilities, would prove uneconomical to produce at a later time.
KD	An item of a depot overhaul/repair kit and not purchased separately. A kit defined as a kit that provides the parts required at the time of overhaul or repair.

e

Definition

Item included in both a depot overhaul/repair kit and a maintenance kit. Item to be manufactured or fabricated at organizational level.

Item to be manufactured or fabricated at the direct support maintenance level.

Item to be manufactured or fabricated at the general support maintenance level.

Item to be manufactured or fabricated at the depot maintenance level.

Item to be assembled at organizational level.

Item to be assembled at direct support maintenance level.

Item to be assembled at general support maintenance level.

Item to be assembled at depot maintenance level.

Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.

Item is not procured or stocked. If not available through salvago, requisition. Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.

A support item that is not stocked. When required, item will be procured through normal supply channels.

NOTE: Cannibalization or salvage may be used as a source of supply for any items coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) Maintenance Code. Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

third position will indicate one of the following levels of maintenance:

Code	Application/Explanation
C	Crew or operator maintenance performed within organizational maintenance.
O	Support item is removed, repaired, and used at the organizational level.
F	Support item is removed, repaired, and used at the direct support level.
H	Support item is removed, repaired, and used at the general support level.
D	Support items that are removed, repaired, placed, used at depot, mobile depot, or specialized activity only.

(b) The maintenance code entered in the fourth position indicates whether the item is repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). The fourth position will contain one of the following maintenance codes.

Code	Application/Explanation
O	The lowest maintenance level capable of complete repair of the support item is the organizational level.
F	The lowest maintenance level capable of complete repair of the support item is the direct support level.
H	The lowest maintenance level capable of complete repair of the support item is the general support level.
D	The lowest maintenance level capable of complete repair of the support item is the depot level.
L	Repair restricted to center approved designated specialized repair activity. Specialized Repair Activity.
Z	Nonreparable. No repair is authorized.
B	No repair is authorized. The item may be reconditioned by adjusting, cleaning, etc., at the user level. No special tools are procured for maintenance of this item.

Verability Code

Definition

Z	Nonreparable item. When un-serviceable, condemn and dispose at the level indicated in position 3.
O	Reparable item. When un-economically reparable, condemn and dispose at organizational level.
F	Reparable item. When un-economically reparable, condemn and dispose at the direct support level.
H	Reparable item. When un-economically reparable, condemn and dispose at the general support level.
D	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
L	Reparable item. Repair, condemnation, and disposal not authorized below depot/specialized repair activity level.
A	Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

National Stock Number. Indicates the National stock number assigned to the item and which is used for requisitioning.

Part Number. Indicates the primary number assigned by the manufacturer (individual, company, corporation, or Government activity), which identifies the design and characteristics of the item based on its engineering drawings, specifications, standards, and inspection requirements to

e. **Federal Supply Code for Manufacturers (FSCM).** The FSCM is a 5-digit numeric code found in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency.

f. **Description.** Indicate the Federal item number and, if required, a minimum description to identify the item. Items that are included in kits or sets are listed below the name of the kit or set with the quantity of each item in the kit or set indicated in the quantity incorporated in unit column. When a part to be used differs between serial numbers of the same model, the effective serial number is shown as the last line of the description. When the density of equipments supported exceeds density indicated in the basis of issue the total authorization is increased accordingly.

g. **Unit of Measure (U/M).** Indicates the standard of the basic quantity of the listed item used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., eo, in, pr, etc). When the unit of measure differs from the unit of issue the lowest unit of issue that will satisfy the requisition units of measure will be requisitioned.

h. **Quantity Incorporated in Unit.** Indicates the quantity of the item used in the breakout table on the illustration figure, which is prepared by functional group, subfunctional group, or on assembly. A "V" appearing in this column in lieu of a quantity indicates that no specific quantity is applicable, (e.g., shims, spacers, etc).

4. **Special Information.** The following provisions pertain to Air Conditioner, 9,000 BTU components:

TM 5-4120-351-14

Air Conditioner, 9,000 BTU

5. How to Locate Repair Parts.

a. **When National Stock Number or Part Number is Unknown:**

(1) **First.** Using the Table of Contents

(2) *Second.* Find the illustration covering the insert as applicable (functional group or subgroup) to which the item belongs.

(3) *Third.* Identify the item on the illustration and note the illustration figure and item number of the item.

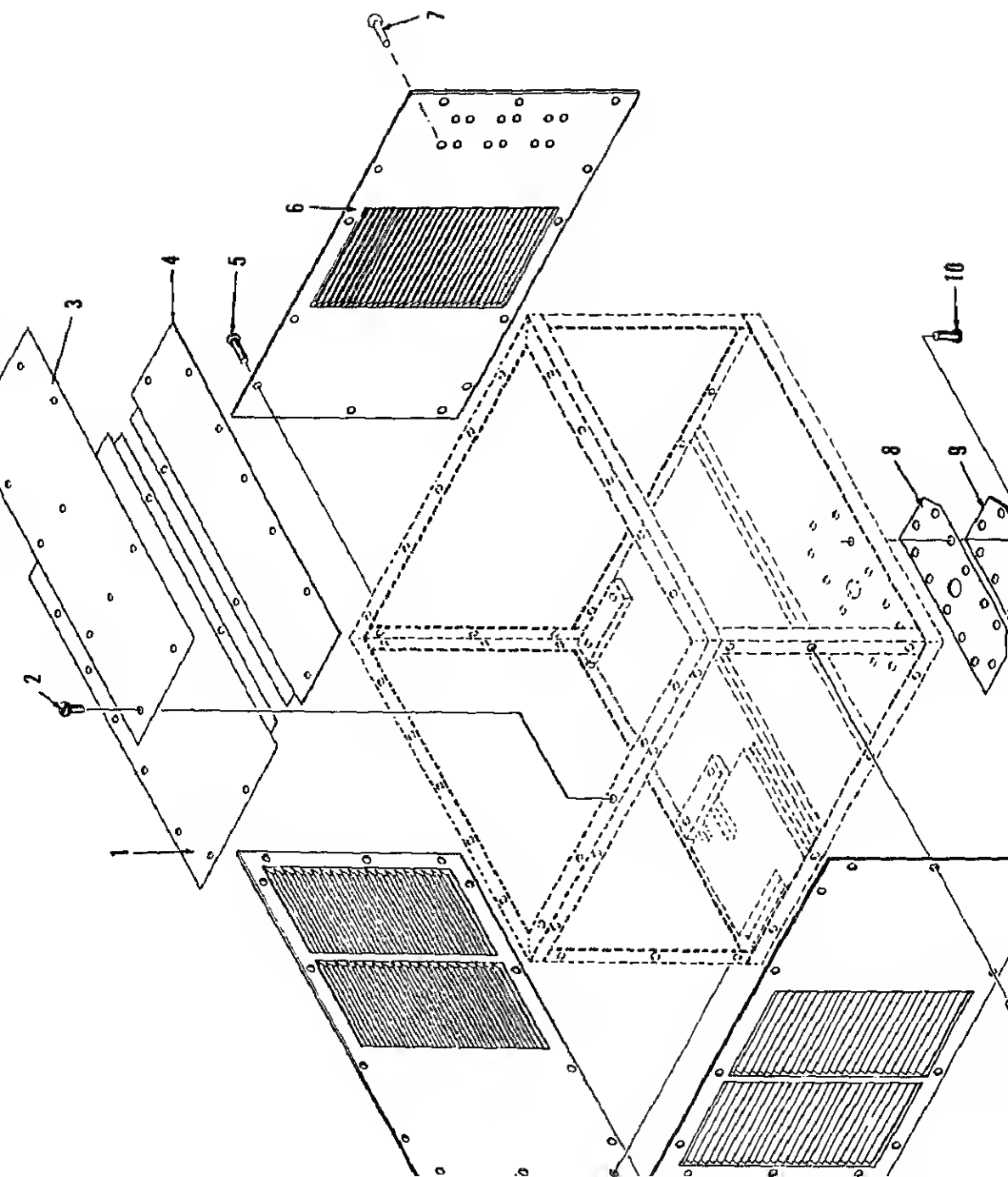
(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

b. When National Stock Number or Part Number is Known:

(1) *First.* Using the Index of National Numbers and Part Numbers, find the pertinent stock number or part number. This includes the NIIN sequence followed by a list of part number alphabetic sequences, cross-referenced to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

6. **Abbreviations.** (Not applicable).



(1) DESCRIPTION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION	USABLE ON CODE
						SECTION II - REPAIR PARTS LIST	
						GROUP 01 BODY CHASSIS	
1	1	XBOZZ		13221E4532	774J3	PANEL, TOP, REAR,	
1	2	PAOZZ	5305-00-054-6670	MS51957-45	767J6	SCREW, MACHINE,	
1	3	XBOZZ		13221E4531	774J3	PANEL, TOP, CENTER,	
1	4	XBOZZ		13221E4530	774J3	PANEL, TOP, FRONT,	
1	5	PAOZZ	5305-00-054-6672	MS51957-47	767J6	SCREW, MACHINE,	
1	6	XBOZZ		13221E4562	774J3	PANEL, RIGHT SIDE,	
1	7	PAOZZ	5320-00-557-2459	MS206048442	767J6	RIVET, BLIND,	
1	8	XBOZZ		13221E4537	774J3	GASKET, FILTER COVER,	
1	9	XBOZZ		13221E4536	774J3	COVER, FILTER,	
1	10	PAOZZ	5305-00-054-6671	MS51957-46	767J6	SCREW, MACHINE,	
1	11	XBOZZ		13221E4563	774J3	PANEL, LEFT SIDE,	
1	12	XBOZZ		13221E4569	774J3	PANEL, REAR,	

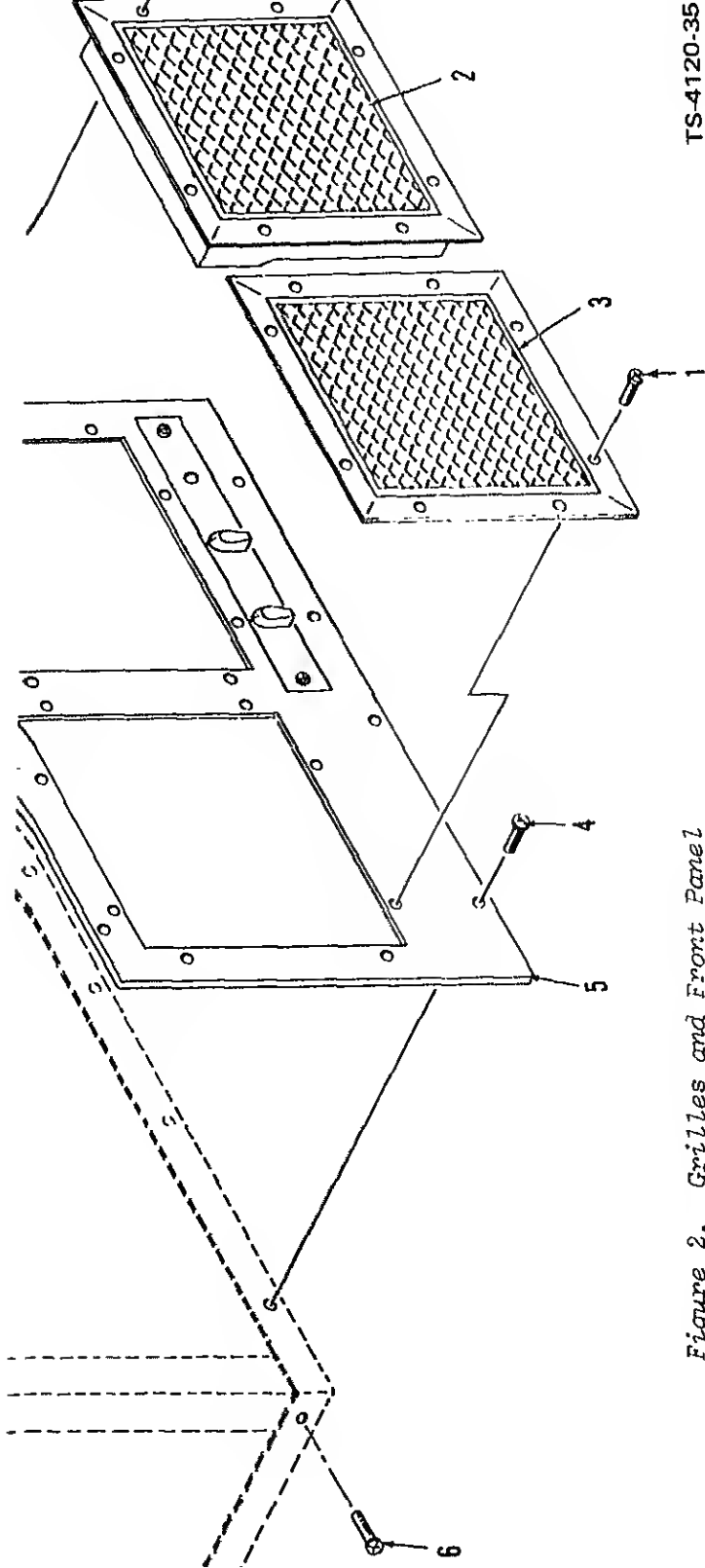
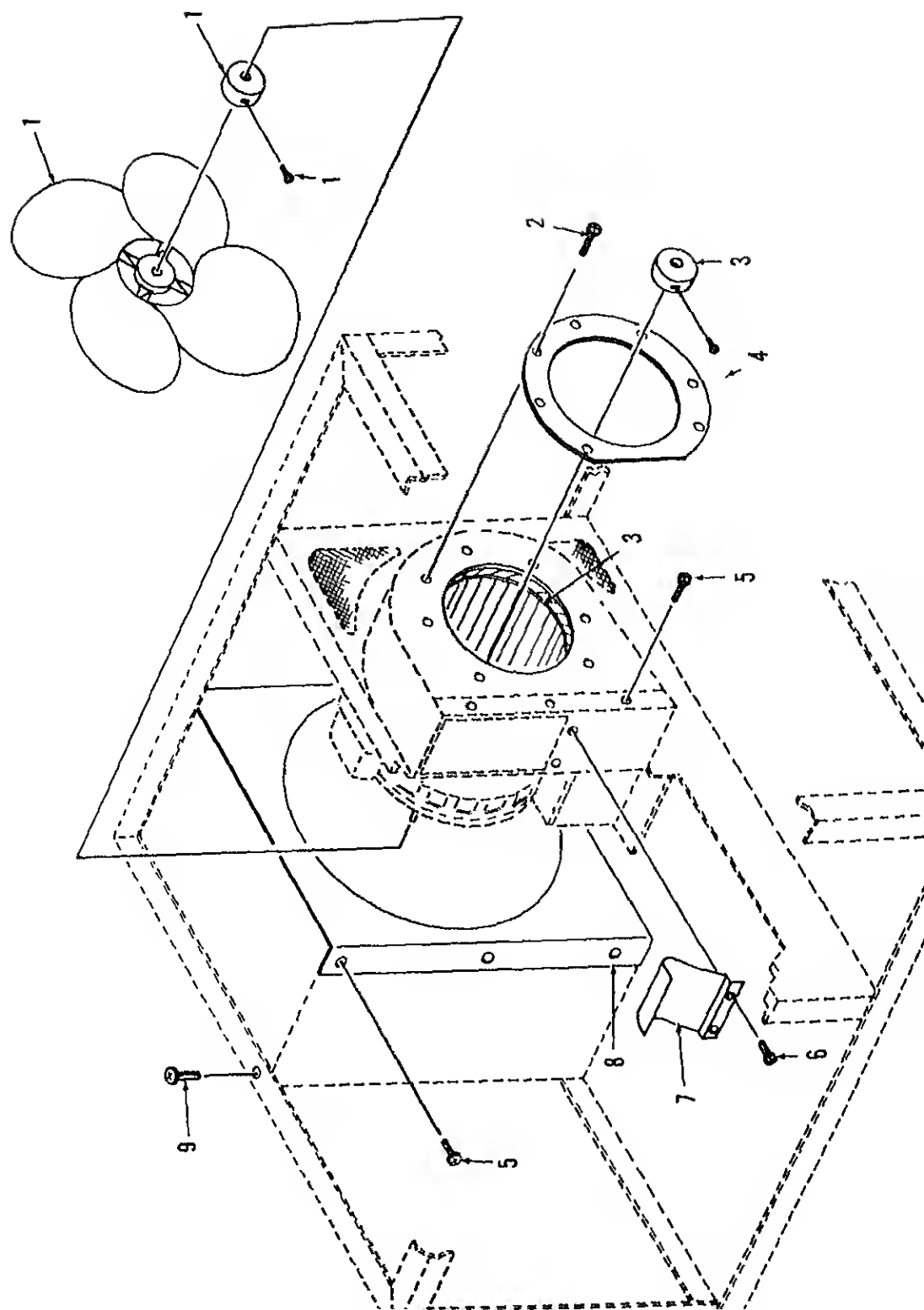
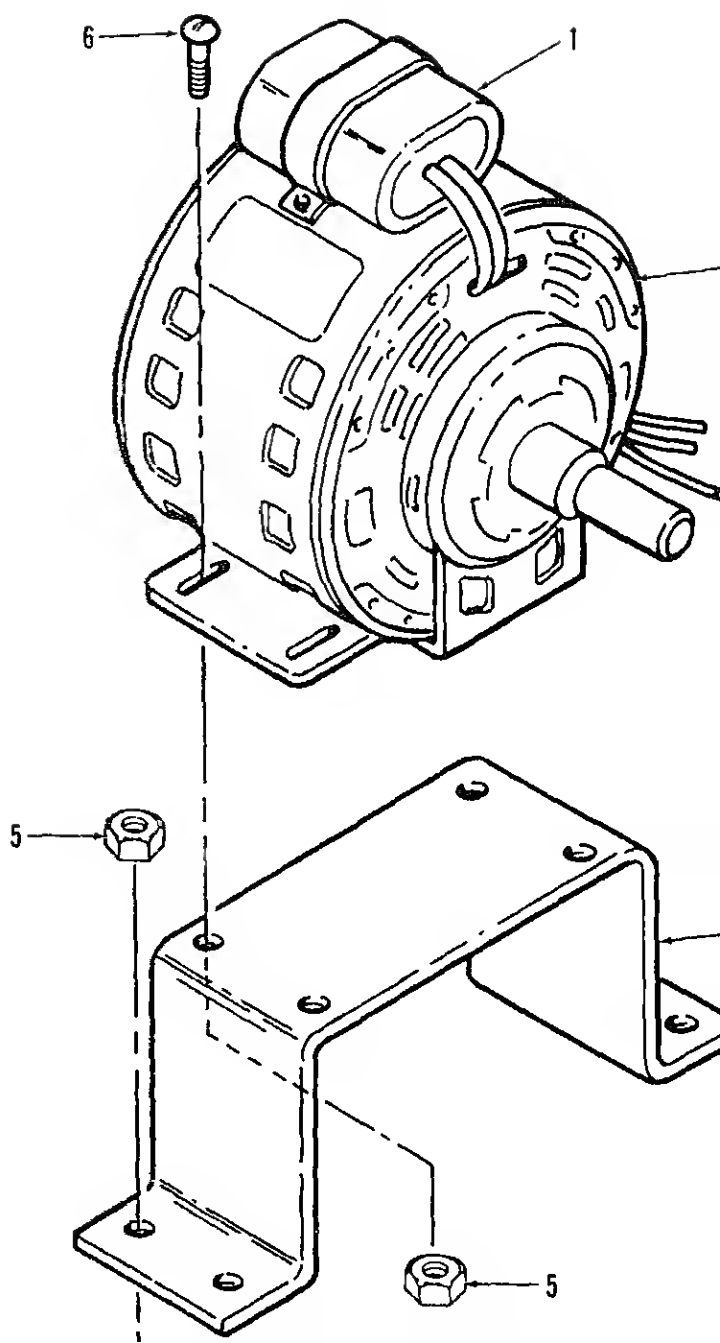


Figure 2. Grilles and Front Panel

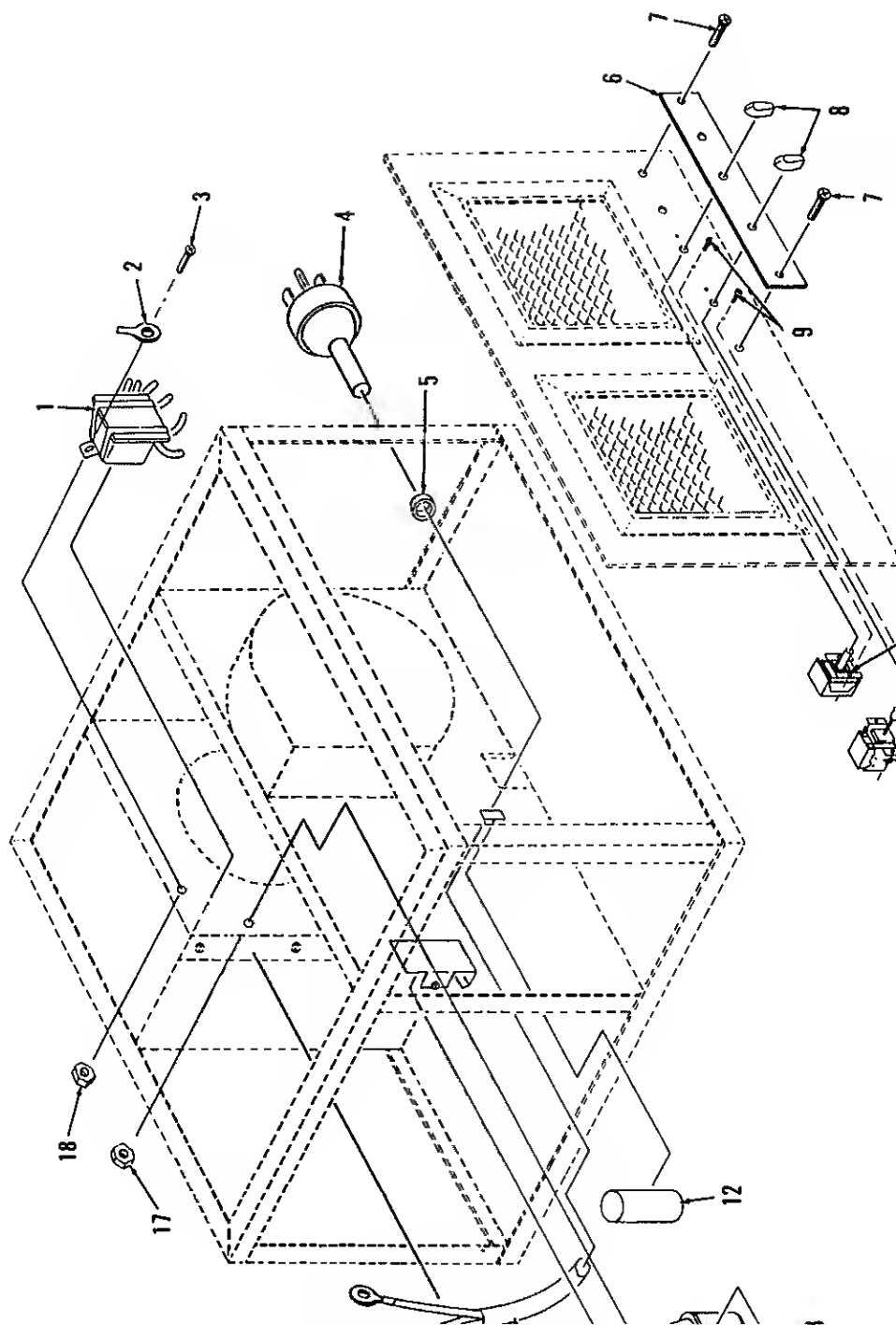
(1) TRACTION	(2)	(3)	(4)	(5)	(6) DESCRIPTION
(b) ITEM NO.	SAR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCN	USABLE ON CODE
1	PAQZZ	3305-00-054-6672	MS51957-47	96906	SCREW,MACHINE.....
2	X80ZZ		13221E4578	97403	GRILL,RETURN AIR.....
3	X80ZZ		13221E4577	97403	GRILL,AIR DIFFUSER.....
4	PAQZZ	3305-00-054-6670	MS51957-45	96906	SCREW,MACHINE.....
5	X80ZZ		13221E4576	97403	PANEL,FRONT.....
6	PAQZZ	3305-00-984-7563	MS35191-272	96906	SCREW,MACHINE.....



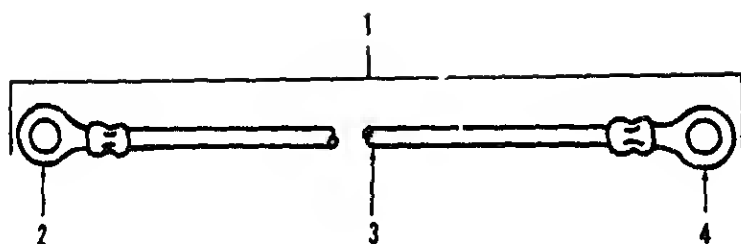
(1) ILLUSTRATION		(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION
(a) FIG NO	(b) ITEM NO					USABLE ON COD
						GROUP 02 ELECTRIC MOTOR AND FANS
3	1	PAQZZ	4140-01-066-9502	13221E4575	97403	IMPELLER, FAN, AXIAL.....
3	2	PAQZZ	5305-00-054-6451	M551957-27	96906	SCREW, MACHINE.....
3	3	PAQZZ	4140-01-066-9503	13221E4553	97403	IMPELLER, FAN.....
3	4	XBDZZ		13221E4547	97403	INTAKE RING, BLOWER.....
3	5	PAFZZ	5305-00-054-6665	M551957-44	96906	SCREW, MACHINE.....
3	6	PAQZZ	5305-00-054-6453	M551957-29	96906	SCREW, MACHINE.....
3	7	XBDZZ		13221E4564	97403	CUTOFF, BLOWER.....
3	8	XBDZZ		13221E4545	97403	SHROUD, CONDENSER.....
3	9	PAQZZ	5305-00-984-7341	M535191-273	96906	SCREW, MACHINE.....



(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)
(a) FIG NO.	(b) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION
						USABLE ON CODE
4	2	PAQZZ	6105-01-072-5722	1322184583	97403	MOTOR, ALTERNATING.....
4	3	PAQZZ	5940-01-013-8288	MS25036-107	96906	TERMINAL, LUG.....
4	4	K80ZZ		1322184539	97403	BRACKET, MOTOR.....
4	5	PAQZZ	5310-00-982-4988	MS21045C4	96906	MUT, SELFLOCKING.....
4	6	PAQZZ	5905-00-267-8173	MS10726-4	96906	SCREW, CAP.....



(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)
(a) FIG NO.	(b) ITEM NO.	BAR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCN	DESCRIPTION
USABLE ON CODE						
GROUP 03 STARTING AND PROTECTIVE DEVICES						
5	1	PAQZZ		3ARR382M5	4440	RELAY,VOLTAGE.....
5	2	PAQZZ	5940-00-143-4774	M525336-153	4640	TERMINAL,LUG.....
5	3	PAQZZ	5305-00-939-0765	M535218-26	5640	SCREW,MACHINE.....
5	4	PAQZZ	5935-01-023-9777	MC596/13-2	6140	CONNECTOR,PLUG,ELEC.....
5	5	XBQZZ	5975-00-273-0788	SR6PL	4850	BUSHING,STRAIGHT.....
5	6	XBQZZ		1322184567	4740	PLATE,CONTROL PANEL.....
5	7	PAQZZ	5305-00-054-6652	M531957-28	4640	SCREW,MACHINE.....
5	8	PAQZZ	5355-00-842-3111	M591528-1A20	4640	KNOB.....
5	9	PAQZZ	5305-00-458-5474	M535190-250	4640	SCREW,MACHINE.....
5	10	PAQZZ	5930-00-338-4587	240T6MPC	10030	SWITCH,SELECTOR.....
5	11	PAQZZ		848T	4100	THERMOSTAT.....
5	12	PAQZZ	5305-00-054-6668	M531957-43	4640	SCREW,MACHINE.....
5	13	PAQZZ	5910-00-463-5149	ETM460-125	4740	CAPACITOR,FIXED.....
5	14	PAQZZ	5305-00-054-6668	M531957-43	96908	SCREW,MACHINE.....
5	15	PAQZZ	6145-00-947-7091	CO-03MGP(3/14)0565	4640	CABLE,POWER,ELECTR.....
5	16	PAQZZ	5310-00-939-0150	M521083C08	4640	NUT,SELFLOCKING.....
5	17	PAQZZ	5310-00-925-9446	M521083C06	4640	NUT,SELFLOCKING.....



ELECTRICAL LEAD PART NUMBER (ITEM #1)	TERMINAL LUG PART NUMBER (ITEM #2)	WIRE MARKING	TERMINAL LUG PART NUMBER (ITEM #3)	V PART (IT
13221E4585-1	MS25036-156	K1-2 B1-START	61108-1	M50
13221E4585-2	MS25036-156	K1-5 B1-COMMON	61108-1	M50
13221E4585-3	MS25036-156	K1-1 C1	MS25036-111	M50
13221E4585-4	MS25036-156	K1-4 C1	MS25036-111	M50
13221E4585-5	MS25036-153	K1-4 S1-L1	MS25036-107	M50
13221E4585-6	MS25036-153	S1-2 S2-1	MS25036-107	M50

Figure 6. Wiring

RATION		(2)	(3)	(4)	(5)	(6)	DESCRIPTION	USABLE ON CODE
(B) ITEM NO		SNR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FBCM			
							GROUP 04 WIRING	
1	XBOZZ			13221E4585-1	774J3		LEAD, ELECTRICAL.....	
2	PAOZZ	5940-00-145-4775	M525036-156		96906		TERMINAL, LUG.....	
3	PAOZZ	5999-01-074-2271	61108-1		00779		TERMINAL, LUG.....	
4	PAOZZ	6145-00-578-7221	M5086/1-12-9		61349		WIRE, ELECTRIC.....	
1	XBOZZ			13221E4585-2	974J3		LEAD, ELECTRICAL.....	
2	PAOZZ	5940-00-143-4775	M525036-156		96906		TERMINAL, LUG.....	
3	PAOZZ	5999-01-074-2271	61108-1		00779		TERMINAL, LUG.....	
4	PAOZZ	6145-00-578-7221	M5086/1-12-9		61349		WIRE, ELECTRIC.....	
1	XBOZZ			13221E4585-3	974J3		LEAD, ELECTRICAL.....	
2	PAOZZ	5940-00-143-4775	M525036-156		96906		TERMINAL, LUG.....	
3	PAOZZ	5940-00-204-8590	M525036-111		96906		TERMINAL, LUG.....	
4	PAOZZ	6145-00-578-7221	M5086/1-12-9		61349		WIRE, ELECTRIC.....	
1	XBOZZ			13221E4585-4	774J3		LEAD, ELECTRICAL.....	
2	PAOZZ	5940-00-143-4775	M525036-156		96906		TERMINAL, LUG.....	
3	PAOZZ	5940-00-204-8590	M525036-111		96906		TERMINAL, LUG.....	
4	PAOZZ	6145-00-578-7221	M5086/1-12-9		61349		WIRE, ELECTRIC.....	
1	XBOZZ			13221E4585-5	974J3		LEAD, ELECTRICAL.....	
2	PAOZZ	5940-00-145-4774	M525036-153		96906		TERMINAL, LUG.....	
3	PAOZZ	5305-00-054-6670	M851957-45		96906		SCREW, MACHINE 27271.....	
4	PAOZZ	6145-00-578-7316	M5086/1-14-9		61349		WIRE, ELECTRIC.....	
1	XBOZZ			13221E4585-6	774J3		LEAD, ELECTRIC.....	
2	PAOZZ	5940-00-143-4774	M525036-153		96906		TERMINAL, LUG.....	
3	PAOZZ	5940-01-015-8288	M525036-107		96906		TERMINAL, LUG.....	
4	PAOZZ	6145-00-578-7316	M5086/1-14-9		61349		WIRE, ELECTRIC.....	

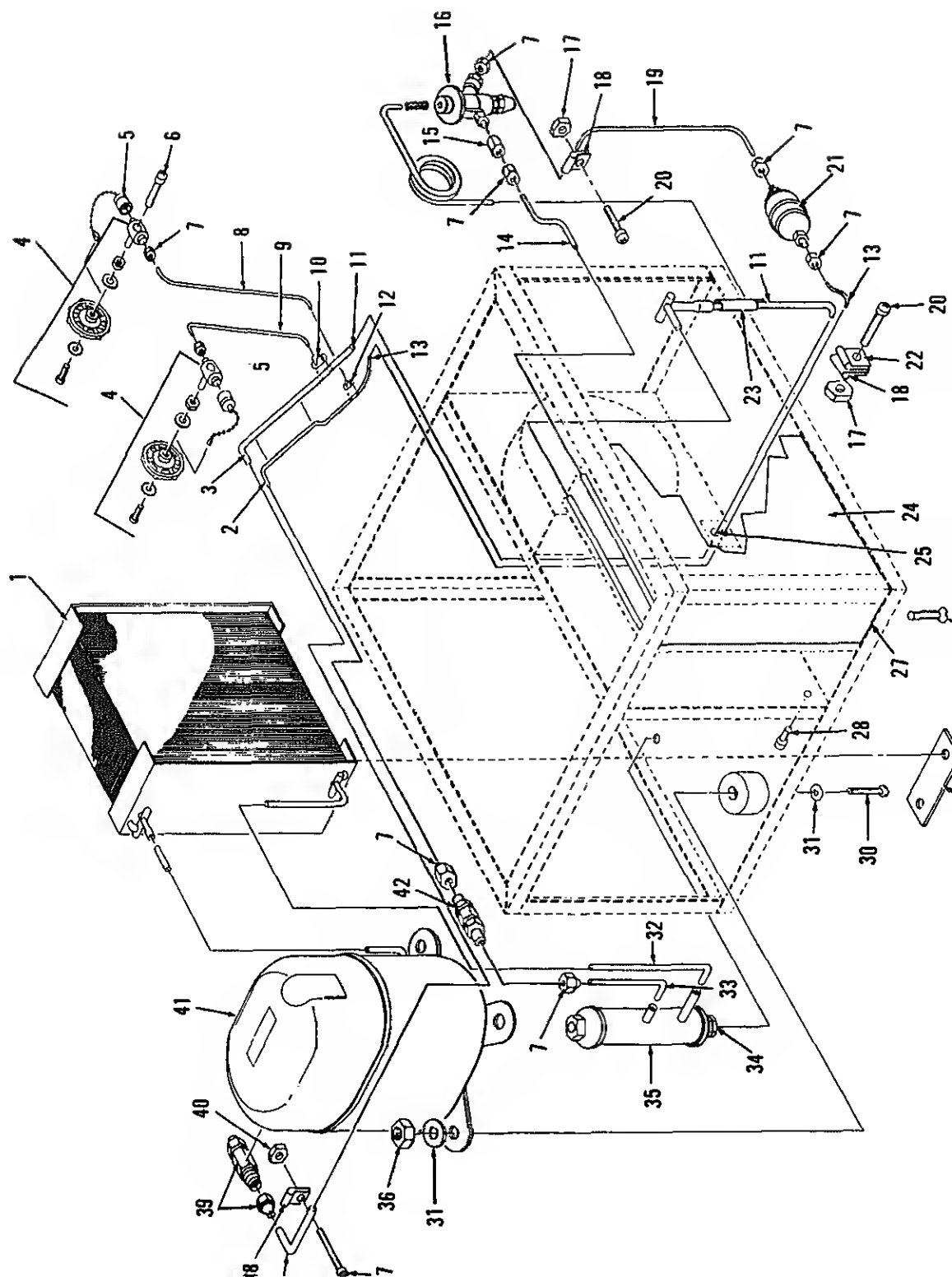


ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	
(A) FIG NO	(B) ITEM NO.	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	PSCM	DESCRIPTION	USABLE ON CODE
						GROUP 05 GAS COMPRESSOR, PIPING AND COMPONENTS	
7	1	PAF22		13221E4535	77-73	COIL, EVAPORATOR.....	
7	2	PBF22	4710-00-203-3173	WM7775-1-2CUAKUJ3 2WALL	01-740	TUBE, COPPER.....	
7	3	PAF22	4710-00-203-3171	WM7775-2-4CUAKUJ3 0WALL	01-740	TUBE, COPPER.....	
7	4	ABF22	4820-01-015-0650	V2 S4	77-73	VALVE, SERVICE.....	
7	5	XBO22		4620-4AC	77-73	CAP AND CHAIN.....	
7	6	PAO22	5305-00-054-6651	MS51957-27	70-76	SCREEN, MACHINE.....	
7	7	PBF22	4730-00-189-2737	MS35872-2	70-76	NUT, FLARE.....	
7	8	PBF22	4710-00-203-3173	WM7775-1-2CUAKUJ3 2WALL	01-740	TUBE, COPPER.....	
7	9	PBF22	4710-00-203-3173	WM7775-1-2CUAKUJ3 2WALL	01-740	TUBE, COPPER.....	
7	10	PBF22	4730-00-021-9184	MS40350	71-77	TEE.....	
7	11	PAF22	4710-00-203-3171	WM7775-1-4CUAKUJ3 0WALL	01-740	TUBE, COPPER.....	
7	12	PBF22	4730-00-257-2163	MS35923-2	70-76	TEE.....	
7	13	PAF22	4710-00-203-3171	WM7775-1-4CUAKUJ3 0WALL	01-740	TUBE, COPPER.....	
7	14	PAF22	4710-00-203-3171	WM7775-1-40DXB03	91348	TUBE, COPPER.....	
7	15	ABF22		SAE-J516	70-73	ADAPTER, REDUCER.....	
7	16	PAO22	4820-00-472-2641	207CFB14-702JF-1 38	71-77	VALVE, EXPANSION.....	
7	17	PAO22	5310-00-539-0650	MS21083CC8	70-76	NUT, SELFLOCKING.....	
7	18	PAO22	5340-00-205-6301	MS21919034	70-76	CLAMP, LOCK.....	
7	19	PAF22	4710-00-203-3171	WM7775-1-4CUAKUJ3 0WALL	01-740	TUBE, COPPER.....	
7	20	PAO22	5305-00-054-6668	MS51957-43	70-76	SCREEN, MACHINE.....	
7	21	PAF22	4130-00-081-5359	AO K052	70-76	DEHYDRATING, DESICCANT.....	
7	22	PAO22	5340-00-106-0450	MS2110408	70-76	CLAMP, LOCK.....	
7	23	XBO22		N0165	77-73	TAPE, INSULATION.....	
7	24	PAF22		13221E4534	77-73	COIL, CONDENSER.....	
7	25	PAO22	5325-00-960-2410	MS21266-1N	70-76	GRENNET, PLASTIC.....	
7	26	PAU22	5305-00-064-7391	MS33191-275	70-76	SCREEN, MACHINE.....	
7	27	XBO22		13221E4542	77-73	SPACER, EVAPORATOR.....	
7	28	PAO22	5305-00-054-6669	MS51957-44	70-76	SCREEN, MACHINE.....	
7	29	XBO22		13221E4543	77-73	SPACER, CONDENSER.....	
7	30	PAO22	5305-00-269-2E05	MS92726-66	70-76	SCREEN, CAP.....	
7	31	PAO22	5310-00-080-6C04	MS27183-14	70-76	WASHER, FLAT.....	
7	32	PBF22	4710-00-203-3173	WM7775-1-2CUAKUJ3 2WALL	01-740	TUBE, COPPER.....	
7	33	PAF22	4710-00-203-3173	WM7775-1-2CUAKUJ3 2WALL	01-740	TUBE, COPPER.....	
7	34	PAO22	5310-00-241-2440	MS16228-6C	70-76	NUT, SELFLOCKING.....	
7	35	ABF22		23894	78-07	RECEIVER, LIQUID.....	

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION
(a) FIG NO	(b) ITEM NO	SMR CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCN	USABLE ON CO
7	36	PAQZZ	5310-03-039-9264	MS21045C6	907J6	NUT, SELFLOCKING.....
7	37	PAQZZ	5305-00-484-7341	MS35191-273	907J6	SCREW, MACHINE.....
7	38	PAQZZ	5340-01-024-6617	MS21919012	907J6	CLAMP, LOOP.....
7	39	PAFZZ	4730-00-289-0365	SAE-J513	91343	NUT, FLARE, REDUCING.....
7	40	PAQZZ	5310-00-926-1835	MS21083C3	907J6	NUT, SELFLOCKING.....
7	41	PAFZZ	4130-01-069-131C	13221E4551	974J3	COMPRESSOR.....
7	42	PBFZZ	6685-00-758-5244	A15966	41477	INDICATOR.....

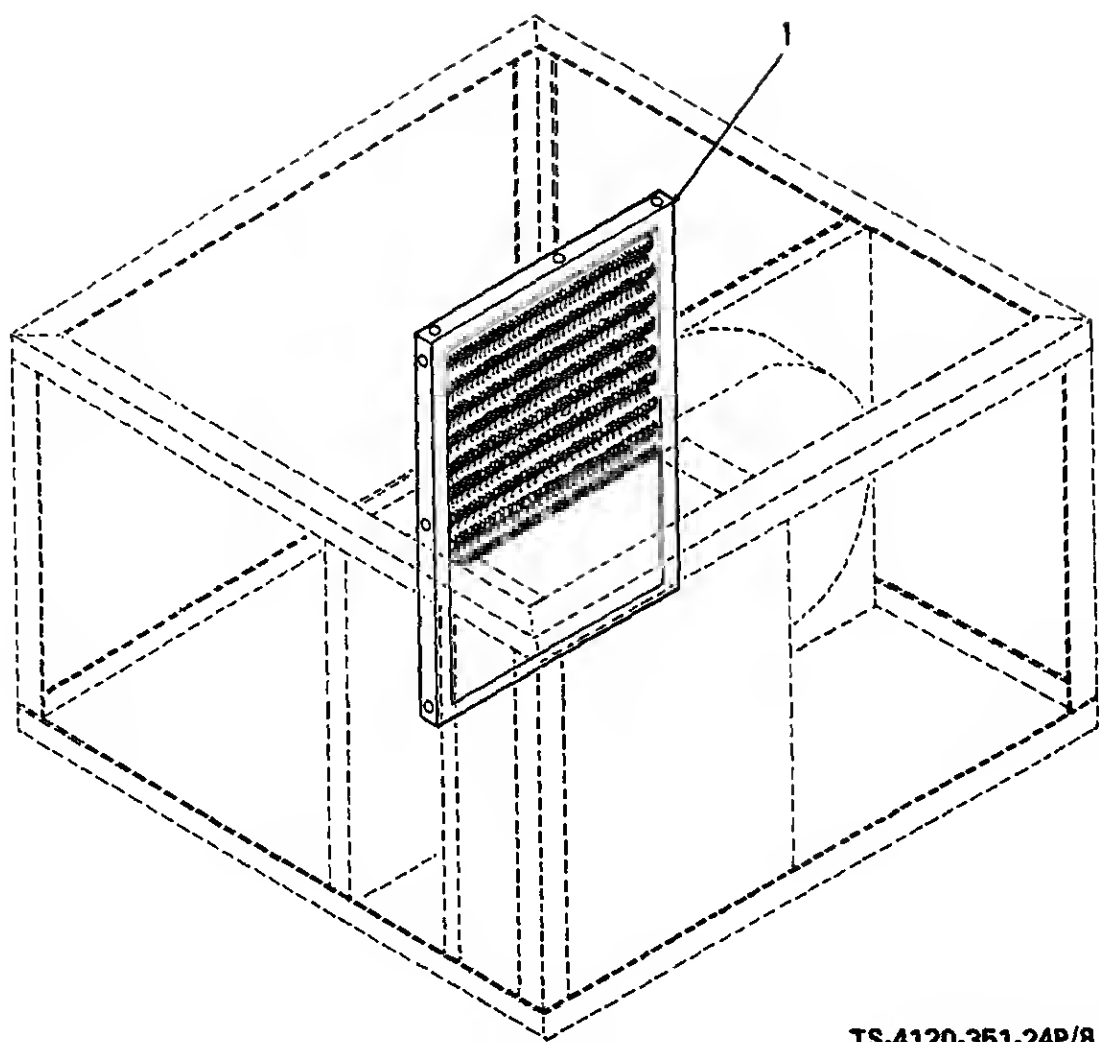
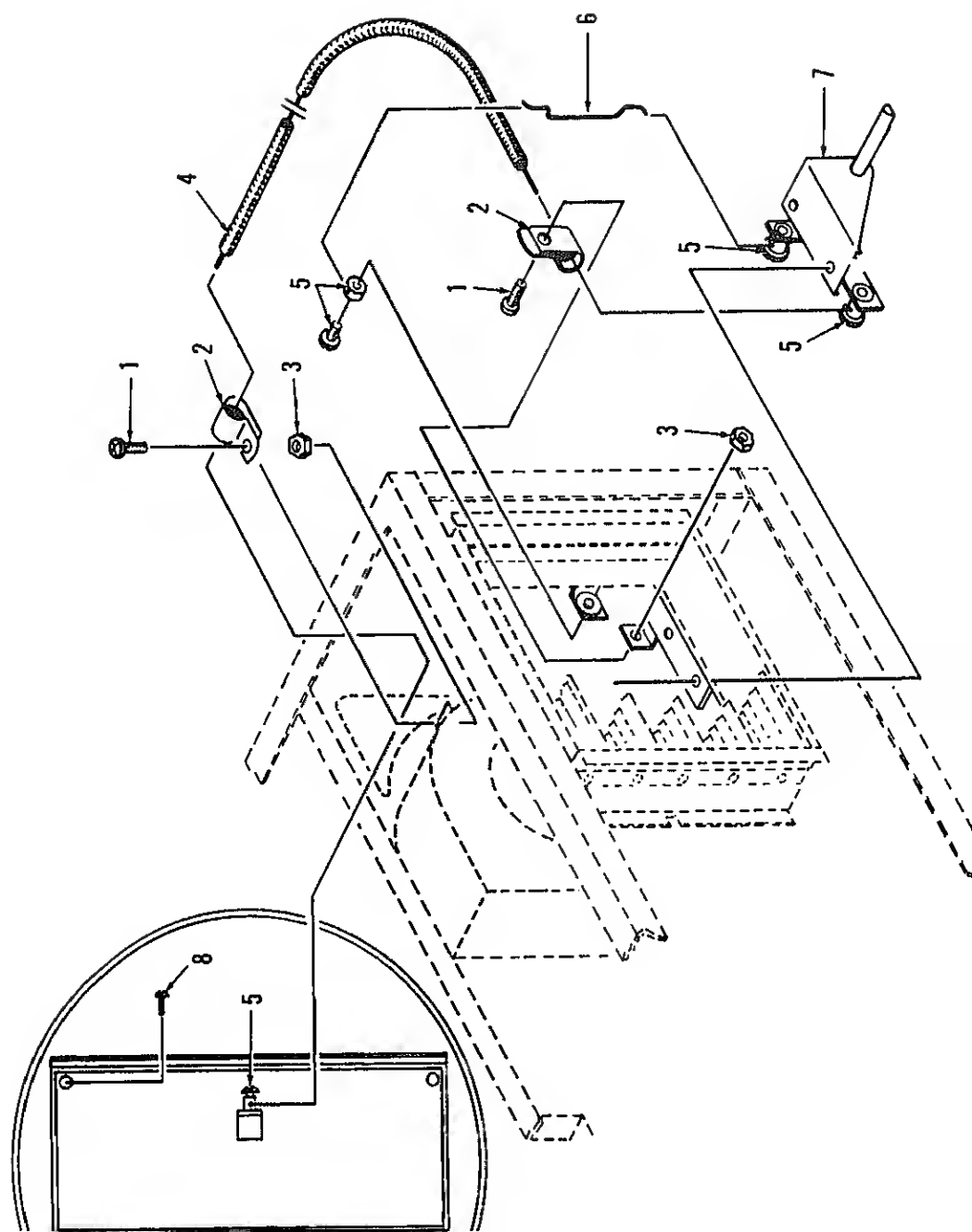


Figure 2 Filter

(1) RATION (b) ITEM NO	(2) SMR CODE	(3) FEDERAL STOCK NUMBER	(4) PART NUMBER	(5) FSCM	(6) DESCRIPTION USABLE ON CODE	(7)
1	PA022	4130-01-071-5466	13221E4533	97403	GROUP 05 - FILTER FILTER, AIR	E



ITEM NO.	(2)	(3)	(4)	(5)	(6)	(7)
	SMA CODE	FEDERAL STOCK NUMBER	PART NUMBER	FSCM	DESCRIPTION	U/M
					USABLE ON CODE	
					GROUP 07 ACTUATOR	
1	PAQZZ	9305-00-054-666B	M551 957-43	96VJ6	SCREW, MACHINE.....	EA
2	PAQZZ	9340-00-000-7386	M5211 04W03	96VJ6	CLAMP, LOOP.....	EA
3	PAQZZ	9310-00-939-025C	M521 083C08	96VJ6	NUT, SELFLOCKING.....	EA
4	XBOZZ		1321 6E61 08-5	974U3	CONTROL ASSEMBLY.....	EA
5	XBOZZ	9340-00-923-8544	P7191	70436	POST, MECHANICAL.....	EA
6	XBOZZ		00-W-423	81J49	WIRE, STEEL.....	EA
7	XBOZZ		13221 E4970	974U3	VENT LINKAGE.....	EA
8	PAQZZ	9309-00-054-6652	M551 957-28	96VJ6	SCREW, MACHINE.....	EA

SECTION IV

VEHICULAR STOCK NUMBER AND PART NUMBER INDEX

[illegible][illegible]

PART NUMBER	PSCM	FIG. NO.	ITEM NO.	PART NUMBER	PSCM	FIG. NO.	ITEM NO.
65	77464	7	23	13221E4543	97403	7	29
W-423	81349	9	6	13221E4547	97403	3	4
-J513	81343	7	39	13221E4551	97403	7	41
-J516	81343	7	13	13221E4553	97403	3	3
P1	28520	5	5	13221E4562	97403	1	6
4	07293	7	4	13221E4563	97403	1	11
96/13-2	81348	5	4	13221E4564	97403	3	7
775-1-200XRO32WALL	81348			13221E4567	97403	5	6
775-1-200XRO32WALL	81348			13221E4569	97403	1	12
775-1-200XRO32WALL	81348	7	2	13221E4570	97403	9	7
775-1-200XRO32WALL	81348	7	32	13221E4573	97403	3	1
775-1-200XRO32WALL	81348	7	33	13221E4376	97403	7	9
775-1-400XRO30WALL	81348	7	3	13221E4577	97403	2	3
775-1-400XRO30WALL	81348			13221E4578	97403	2	2
775-1-400XRO30WALL	81348			13221E4583	97403	4	2
775-1-400XRO30WALL	81348	7	19	13221E4585-1	97403	6	1
350	41947			13221E4585-2	97403	6	1
16E6108-5	97403	9	4	13221E4585-3	97403	6	1
21E4530	97403	1	4	13221E4583-4	97403	6	1
21E4531	97403	1	3	13221E4585-5	97403	6	1
21E4532	97403	1	1	13221E4585-6	97403	6	1
21E4533	97403			207CF814-70207-138	91494	7	16
21E4534	97403	7	24	23894	78857	7	33
21E4535	97403	7	1	24076HPC	76854	5	10
21E4536	97403	1	9	3ARR382H5	24446	5	1
21E4537	97403	1	8	4620-44C	07295	7	3
21E4539	97403	4	4	61108-1	00779	6	9
21E4542	97403	7	27	61108-1	00779	6	3

by Order of the Secretary of the Army:

Official:

E. C. MEYER
General, United States Army
Chief of Staff

J. C. PENNINGTON
Major General, United States Army
The Adjutant General

DISTRIBUTION:

To be distributed in accordance with DA Form 12-25C, Organizational Maintenance Requirements for Environmental Equipment, Air Conditioners, 9,000 BTU

SOMETHING WRONG WITH THIS MANUAL?



THEN... JOT DOWN THE
DOPE ABOUT IT ON THIS
FORM, TEAR IT OUT, FOLD
IT AND DROP IT IN THE
MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

PFC JOHN DOE

COA, 3^d ENGINEER BN

FT. LEONARD WOOD MO 63108

DATE

PUBLICATION NUMBER

M5-4120-351-24P

DATE

28 Sep 79

TITLE

Air Conditioner, Floor
Mounted, Air Cooled 9,000 B.

BE EXACT... PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

PAGE NO.	PARA- GRAPH	FIGURE NO.	TABLE NO.
-------------	----------------	---------------	--------------

6

2-1
a

In line 6 of paragraph 2-1a the manual states the engine has 6 cylinders. The engine on my set only has 4 cylinders. Change the manual to show 4 cylinder

81

4-3

Callout 16 on figure 4-3 is pointing at a bolt. In the key to fig. 4-3, item 16 is called a skim. Please correct one or the other.

25

line 20

Ordered a gasket, item 19 on figure B-16 by NSN 2910-00-762-300. I got a gasket but it doesn't fit. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN.

SAMPLE

FILL IN YOUR
UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

POSTAGE AND
DEPARTMENT
DOD-3

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, \$300

Commander:
U.S. Army Support and Aviation
Material Readiness Command
ATTN: DRSTS-MTPS
4300 Goodfellow Boulevard
St. Louis, Mo. 63120

FOLD BACK

REVERSE OF DA FORM 2028-2 (TEST)

THEN...JOT DOWN THE
DOPE ABOUT IT ON THIS
FORM, TEAR IT OUT, FOLD
IT AND DROP IT IN THE
MAIL!

DATE _____

DATE

28 Sep 79

TITLE

TITLE
Air Conditioner, Floor Mounted,
Cooled, 9,000 BTU

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

33

PARA- GRAPH

FIGURE
NO.TABLE
NO.

FILL IN YOUR
UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, \$300

Commander:
U.S. Army Support and Aviation
Material Readiness Command
ATTN: DRSTS-MTPS
4300 Goodfellow Boulevard
St. Louis, Mo. 63120

FOLD BACK

REVERSE OF DA FORM 2028-2 (TEST)



SOMETHING WRONG WITH THIS MAN

THEN, ... JOY DOWN THE
DOPE ABOUT IT ON THIS
FORM, TEAR IT OFF, FOLD
IT AND DROP IT IN THE
MAIL !

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

DATE

PUBLICATION NUMBER

TM 5-4120-351-24P

Page

28 Sep 79

TITLES

Air Conditioner, Floor Mounted
Cooled, 2,000 BTU

BE EXACT. . . PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

PAGE
NO.

PARA-
GRAPH

FIGURE
NO.TABLE
NO.

FILL IN YOUR
UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

POSTAGE AND FEES PAID
DEPARTMENT OF THE ARMY

DOD-314

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, \$300

Commander:
U.S. Army Support and Aviation
Material Readiness Command
ATTN: DRSTS-MTPS
4300 Goodfellow Boulevard
St. Louis, Mo. 63120

FOLD BACK

REVERSE OF DA FORM 2026-2 (TEST)



THEN... JOT DOWN THE
DOPE ABOUT IT ON THIS
FORM, TEAR IT OUT, FOLD
IT AND DROP IT IN THE
MAIL!

FROM: (YOUR UNIT'S COMPLETE ADDRESS)

DATE

PUBLICATION NUMBER

DATE

TITLE

TM 5-4120-351-24P

28 Sep 79

Air Conditioner, Floor
Cooled, 9,000 BTU

BE EXACT... PIN-POINT WHERE IT IS

IN THIS SPACE TELL WHAT IS WRONG
AND WHAT SHOULD BE DONE ABOUT IT:

PAGE
NO.

PARA-
GRAPH

FIGURE
NO.

TABLE
NO.

TEAR ALONG DOTTED LINE

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SIGN HERE:

FILL IN YOUR
UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

POSTAGE AND FEES PAID
DEPARTMENT OF THE ARMY

DOD-314

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, \$300

Commander:
U.S. Army Support and Aviation
Material Readiness Command
ATTN: DRSTS-MTPS
4300 Goodfellow Boulevard
St. Louis, Mo. 63120

FOLD BACK

REVERSE OF OA FORM 2028-2 (TEST)

FILL IN YOUR
UNIT'S ADDRESS

FOLD BACK

DEPARTMENT OF THE ARMY

POSTAGE AND FEES
DEPARTMENT OF THE
DDO-314

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, \$300

Commander:
U.S. Army Support and Aviation
Material Readiness Command
ATTN: DRSTS-MTPS
4300 Goodfellow Boulevard
St. Louis, Mo. 63120

FOLD BACK

The Metric System and Equivalents

Linear Measure

1 centimeter = 10 millimeters = .39 inch
 1 decimeter = 10 centimeters = 3.94 inches
 1 meter = 10 decimeters = 39.37 inches
 1 dekameter = 10 meters = 32.8 feet
 1 hectometer = 10 dekameters = 328.08 feet
 1 kilometer = 10 hectometers = 3,280.8 feet

Weights

1 milligram = 10 milligrams = .15 grain
 1 centigram = 10 centigrams = 1.54 grains
 1 decigram = 10 decigrams = .035 ounce
 1 gram = 10 grams = .35 ounce
 1 dekagram = 10 dekagrams = 3.52 ounces
 1 hectogram = 10 hectograms = 2.2 pounds
 1 kilogram = 100 kilograms = 220.46 pounds
 1 metric ton = 10 quintals = 1.1 short tons

Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce
 1 deciliter = 10 centiliters = 3.38 fl. ounces
 1 liter = 10 deciliters = 38.82 fl. ounces
 1 dekaliter = 10 liters = 2.04 gallons
 1 hectoliter = 10 dekaliters = 20.42 gallons
 1 kiloliter = 10 hectoliters = 204.18 gallons

Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. ft.
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. ft.
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres
 1 sq. kilometer = 100 sq. hectometers = .380 sq. mile

Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch
 1 cu. decimeter = 1000 cu. centimeters = 81.02 cu. inch
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

Approximate Conversion Factors

To change	To	Multiply by	To change	To
centimeters	inches	2.540	ounces	grams
decimeters	inches	.305	centimeters	inches
meters	feet	.614	meters	feet
kilometers	yards	1.600	meters	yards
square centimeters	square inches	6.451	kilometers	miles
square meters	square feet	.093	square centimeters	square inches
square meters	square feet	.836	square meters	square feet
square kilometers	square miles	2.590	square meters	square yards
square hectometers	square miles	.466	square kilometers	square miles
cubic meters	acres	.628	square hectometers	acres
cubic meters	cubic feet	.765	cubic meters	cubic feet
milliliters	cubic yards	29.573	cubic meters	cubic yards
liters	fluid ounces	.473	milliliters	fluid ounces
liters	pints	.946	liters	pints
liters	quarts	3.785	liters	quarts
grams	ounces	28.349	liters	gallons
kilograms	ounces	.454	grams	ounces
metric tons	pounds	.907	kilograms	pounds
newton-meters	short tons	1.365	kilograms	short tons
newton-meters		.11375	metric tons	

Temperature (Exact)